

## ABSTRACT

A cooling system for removing heat from the layers of a three-dimensional object built in a layerwise manner from a build material in a solid freeform fabrication apparatus. The cooling system provides an air duct that delivers a uniform sheet of air flow over the layers of the three-dimensional object while it is built. It is emphasized  
5 that this abstract is provided to comply with the rules requiring an abstract that will allow a searcher or other reader to quickly ascertain the subject matter of the technical disclosure. It is submitted with the understanding that it will not be used to interpret or limit the scope or meaning of the claims. 37 CFR 1.72(b)